

12/20/01  
JC961 U.S. PTO

12-27-01

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.

V637-01520 US

First Inventor or Application Identifier

Ralph H. Johnson

Title

VERTICAL CAVITY SURFACE EMITTING LASER INCLUDING INDIUM IN THE ACTIVE REGION

Express Mail Label No.

EL597435783US

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages 24]
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 22]
4. Oath or Declaration [Total Pages 2]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5.  Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

7.  Assignment Papers (cover sheet & document(s))
8.  37 C.F.R. § 3.73(b) Statement  Power of (when there is an assignee)  Attorney
9.  English Translation Document (if applicable)
10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
11.  Preliminary Amendment
12.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
  - \* Small Entity  Statement filed in prior application, Statement(s)  Status still proper and desired (PTO/SB/09-12)
13.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
14.  Other: Certificate of Mailing

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 000-123  
(Insert Customer No. or Attach bar code/label here) or  Correspondence address below

Name	Andrew A. Abeyta				
	Honeywell International Inc. PATENT TRADEMARK OFFICE				
Address	101 Columbia Road				
	POB 2245				
City	Morristown	State	NJ	Zip Code	07962
Country	U.S.A.	Telephone	602-313-3345		Fax 602-313-4559

Name (Print/Type)	Andrew A. Abeyta	Registration No. (Attorney/Agent)	39,582
Signature			Date 12/20/01

Dec. 20, 2001

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL For FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$780.00

## COMPLETE IF KNOWN

Application No.	T.B.D.
Filing Date	December 20, 2001
First Named Inventor	Ralph H. Johnson
Group Art Unit	T.B.D.
Examiner Name	T.B.D.
Attorney Docket No.	V637-01520 US

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-1125

Deposit Account Name Honeywell International Inc.

Charge any Additional Fee Required  
 Under 37 CFR §§1.16 & 1.172.  Payment Enclosed: Check     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee	
101	740	201	370
108	330	206	165
107	510	207	255
108	740	208	370
114	160	214	80
SUBTOTAL (1)			\$740.00

## 2. EXTRA CLAIM FEES

Total Claims	-20 =	-0-	x	18.00	=	-0-	Fee from below	Fee Paid
Independent Claims	6	-3 =	-0-	x	84.00	-	-0-	
Multiple Dependent Claims	1	-0-	-0-	x	280.00	-	-0-	

Large Entity	Small Entity	Fee Description	
Fee Code	Fee Code	Fee	
103	18	203	
102	84	202	
104	280	204	
109	84	209	
110	18	210	
SUBTOTAL (2)			\$ - 0 -

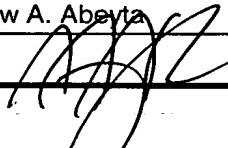
## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee	
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,250
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,150
140	110	240	55
141	1,280	241	640
142	1,280	242	640
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	740	246	370
149	740	249	370
179	740	279	3370
169	900	169	900
195	300	195	300
Other fee (specify)			

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

## SUBMITTED BY

Name (Print / Type)	Andrew A. Abeysa	Registration No. (Attorney/Agent)	39,582	Telephone	602-313-3345
Signature				Date	December 20, 2001

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Docket No. V637 01520 US

Serial No. t. b. d.

Filed December 20, 2001

## Certificate of Mailing under 37 CFR 1.10

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POB 2327  
Arlington, VA 22202

on December 20, 2001  
(Date)

  
Signature

Tessa Ricar

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Utility Patent Application Transmittal;
2. Fee Transmittal for FY 2001, two copies;
3. Patent Application, twenty-four pages;
4. Formal drawings, twenty-two pages;
5. Declaration for Utility or Design Patent Application, two pages;
6. Recordation Form Cover Sheet, two pages;
7. Assignment, one page;
8. Certificate of Mailing;
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICATION FOR UNITED STATES PATENT**

ATTORNEY DOCKET NUMBER

**VERTICAL CAVITY SURFACE EMITTING LASER INCLUDING INDIUM IN THE  
ACTIVE REGION**

**INVENTOR**

Ralph H. Johnson

211 Ridgeview

Murphy, TX 75094

A Citizen of the United States of America

**EXPRESS MAIL NO.: EL597435783US**